



0.5 – 40 Tones

SINGLE GIRDER CRANES



Single Girder Cranes

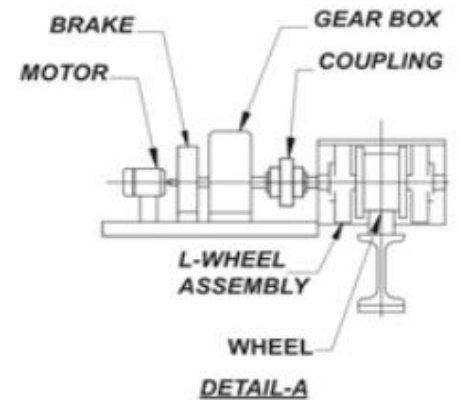
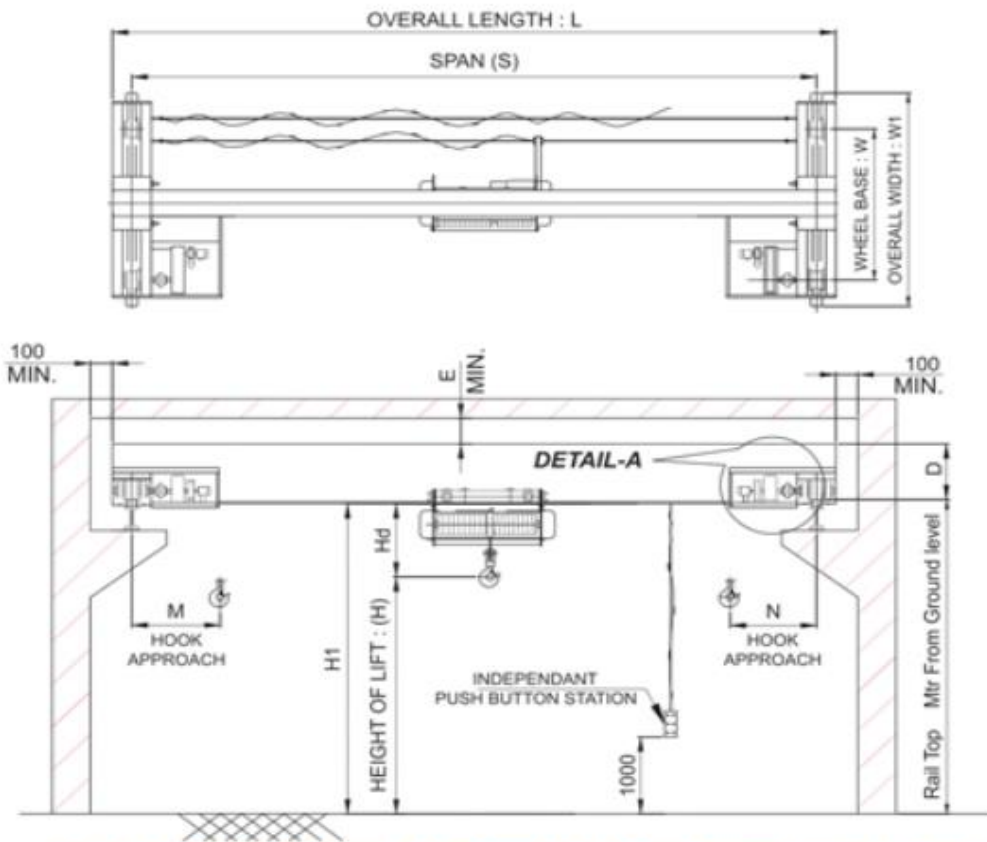
Single Girder Cranes are designed and made in accordance with the duty classification as per IS-3177. These Single Girder Cranes (EOT Cranes) are known for providing cost-effective solutions due to their low dead weight. Moreover, these cranes provide greater floor coverage than any other type of Overhead Cranes.

Advantages:

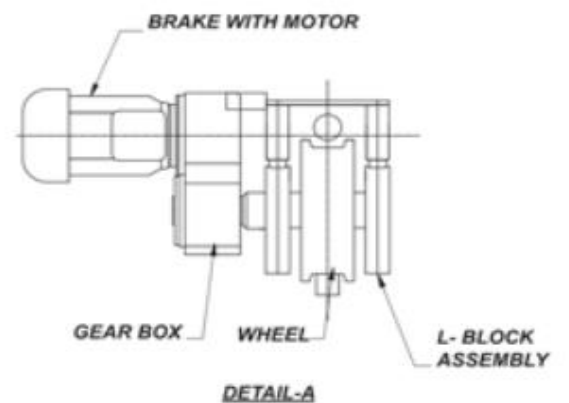
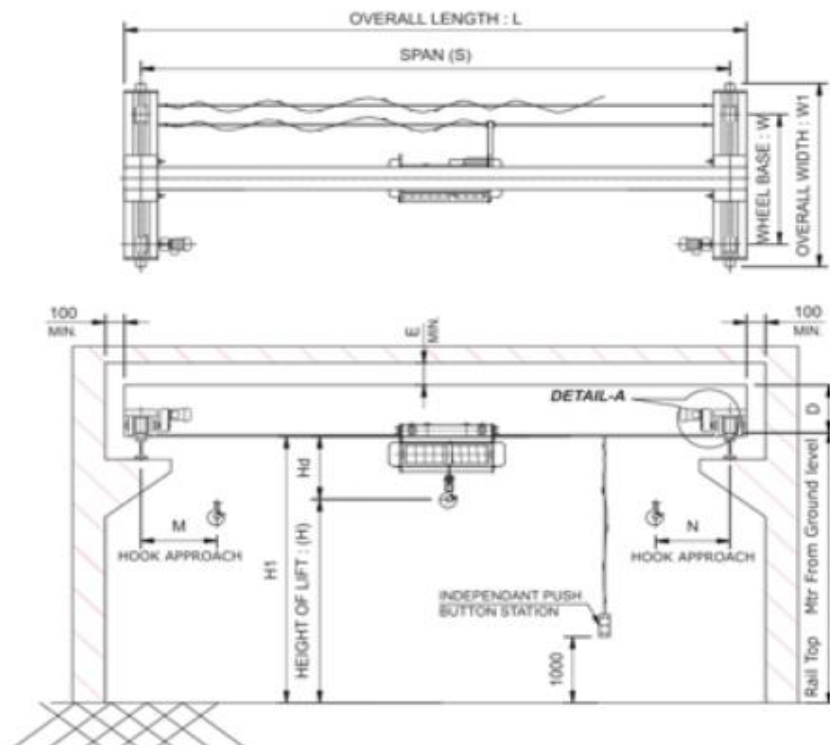
- ✚ Used for heavier loads and longer spans
- ✚ Offer advantage of low headroom
- ✚ Selected for crane duty applications
- ✚ All components are carefully selected for '**Crane Duty**' applications.
- ✚ The structural parts of the Bridge Cranes are designed and manufactured as per IS-807.

Single-Girder Overhead Bridge Cranes Details:

Type : Single Girder Overhead Traveling Cranes --- EOT Cranes	
Structure	: Main Beam, End Carriage, Hoist trolley, Complete Electrical system and control system
Quality Standard	: ISO 9001:2008
Motor	: Slipring Motors, Tacklers / BBL / ABB / CGL make Sq. cage crane duty motor in all motion.
Brakes	: Hydraulic Thruster type Brake – SOC / Anand make in all motion.
Gear Box	: Tacklers make
Limit Switch	: Gravity Roller Limit Switch in Hoisting / Counter weight in hoisting & 2 Way Roller type Limit Switch – S.O.C. / Giovenzana (CE & UL Approved) make in Cross Travel.
Optional Features	: • Wireless Radio Remote control • Shrouded DSL system for power feeding • Flameproof Anti-explosion • PLC automatic Control system • Bridge Lights



LAYOUT DRAWING OF SINGLE GIRDER E.O.T CRANE WITH TWIN DRIVE ARRANGEMENT & WIRE ROPE HOIST



LAYOUT DRAWING OF SINGLE GIRDER E.O.T CRANE WITH TWIN DRIVE ARRANGEMENT & WIRE ROPE HOIST



DIMENSIONS OF SINGLE GIRDER E.O.T CRANES

Capacity (TON)	Lift H Mtrs.	Hoist Speed C.T. Speed L.T. Speed	Span(S) Mtrs.	Overall Length L Mtrs.	Wheel Base W (MM)	Overall Width W1 (MM)	HOOK APPROCH		Head Room HD (MM)	H1 (MM)	D (MM)	E (MM)
							M (MM)	N (MM)				
2.0	6/8	3-3.5 MPM	9	9.3	1500	2000	870	970	650	6650	500	600
			12	12.3	2000	2500	870	970	650	6650	500	600
		14-16 MPM	15	15.3	2500	3000	870	970	650	6650	550	650
		16-18 MPM	18	18.3	3000	3500	870	970	650	6650	730	830
			21	21.3	3500	4000	870	970	650	6650	810	910
3.0	6/8	3-3.5 MPM	9	9.3	1500	2000	965	1000	1000	7000	550	600
			12	12.3	2000	2500	965	1000	1000	7000	550	650
		14-16 MPM	15	15.3	2500	3000	965	1000	1000	7000	600	700
		16-18 MPM	18	18.3	3000	3500	965	1000	1000	7000	780	876
			21	21.3	3500	4000	965	1000	1000	7000	850	946
5.0	6/8	3-3.5 MPM	9	9.3	1500	2000	1015	1050	1050	7050	750	700
			12	12.3	2000	2500	1015	1050	1050	7050	800	750
		14-16 MPM	15	15.3	2500	3000	1015	1050	1050	7050	800	750
		16-18 MPM	18	18.3	3000	3500	1015	1050	1050	7050	890	986
			21	21.3	3500	4000	1015	1050	1050	7050	950	1046
7.5	6/8	3-3.5 MPM	9	9.35	1500	2000	1150	1100	1350	7350	750	846
			12	12.35	2000	2500	1150	1100	1350	7350	830	926
		14-16 MPM	15	15.35	2500	3000	1150	1100	1350	7350	920	1016
		16-18 MPM	18	18.35	3000	3500	1150	1100	1350	7350	990	1086
			21	21.35	3500	4000	1150	1100	1350	7350	1070	1166
10.0	6/8	3-3.5 MPM	9	9.35	1500	2000	1175	1125	1500	7500	810	906
			12	12.35	2000	2500	1175	1125	1500	7500	910	1006
		14-16 MPM	15	15.35	2500	3000	1175	1125	1500	7500	990	1086
		16-18 MPM	18	18.35	3000	3500	1175	1125	1500	7500	990	1086
			21	21.35	3500	4000	1175	1125	1500	7500	1070	1166
15.0	6/8	3-3.5 MPM	9	9.35	1500	2000	1450	1350	1550	7550	940	1036
			12	12.35	2000	2500	1450	1350	1550	7550	1070	1166
		14-16 MPM	15	15.35	2500	3000	1450	1350	1550	7550	1150	1246
		16-18 MPM	18	18.35	3000	3500	1450	1350	1550	7550	1240	1336
			21	21.35	3500	4000	1450	1350	1550	7550	1300	1396

*Above 15 Tons dimensions are on request

*Short Head Room Cranes on request.

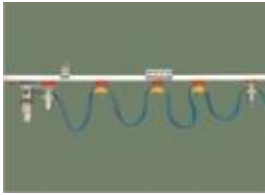
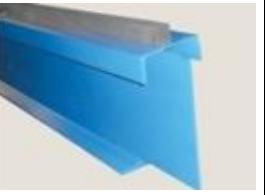
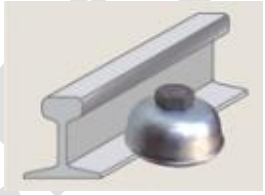
*Better Side approaches can be discussed and given.

All dimensions are approximate in mm.

The Design, materials and specifications subject to change for improvements without notice.



CRANE ACCESSORIES

				
Festoon System – C Rail CE Certified	Insulated Shrouded DSL System – CE Cert.	Push Button CE Certified / IP - 65	Flat Cables CE Certified	Male / Female Socketed Panels
				
End Carriages for Crane	Gear Boxes for Crane	Gear - Couplings	T-Track Two/Four Wheel Trolley	Radio – Remote Control
				
Roller Lever / Weight Operated Limit Switches	Master / Cam Controllers	Rotary Limit Switches	Bottom Hook Assembly	LT-Beams with Sq. Bar / Rails for Crane Travel
				
Wire / Chain / Nylon Rope Sling	Rail & Rail Clamp			

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